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ABSTRACT

This collection of 12 papers addresses the application of various technologies to the education of students with learning disabilities. Also included is a CD-ROM version of the original text, which provides enhancements through digital editing such as hypertext and hypermedia links. The papers included are: (1) "Special Education Technology: Perception and Action" (Kyle Higgins and Randall Boone); (2) "Using Technology To Enhance the Writing Processes of Students with Learning Disabilities" (Charles A. MacArthur); (3) "The Effects of Text-Based and Graphics-Based Software Tools on Planning and Organizing of Stories" (Christine M. Bahr and others); (4) "Speech-Recognizing Computers: A Written-Communication Tool for Students with Learning Disabilities?" (Keith Wetzel); (5) "The Effects of Computer-Assisted versus Teacher-Directed Instruction on the Multiplication Performance of Elementary Students with Learning Disabilities" (Rich Wilson and others); (6) "Using Hypermedia To Improve the Mathematics Problem-Solving Skills of Students with Learning Disabilities" (Beatrice C. Babbitt and Susan Peterson Miller); (7) "Hypertext Support for Remedial Students and Students with Learning Disabilities" (Kyle Higgins and others); (8) "Authenticity in Learning: Multimedia Design Projects in Social Studies for Students with Disabilities" (Ralph P. Ferretti and Cynthia M. Okolo); (9) "Computer Based Study Strategies for Students with Learning Disabilities: Individual Differences Associated with Adoption Level" (Lynne Anderson-Inman and others); (10) "Assistive Technology for Postsecondary Students with Learning Disabilities" (Sheryl L. Day and Barbara J. Edwards); (11) "Multimedia: Enhancing Instruction for Students with Learning Disabilities" (Cheryl A. Wissick); and (12) "A Federal Perspective on Special Education Technology" (Jane Hauser and David B. Malouf). (Contains approximately 450 references.) (DB)